

Claim Listing

1. (Original) A method comprising:
  - determining if a device emits electromagnetic interference (EMI) in one or more regions of an electromagnetic spectrum occupied by other users; and
  - if it is determined that the device emits EMI in one or more regions of the electromagnetic spectrum occupied by other users:
    - reducing the EMI in the one or more regions; and
    - increasing the EMI in one or more other regions of the electromagnetic spectrum that are unoccupied by the other users.
2. (Original) The method of claim 1, wherein said reducing the EMI in the one or more regions comprises removing the EMI from the one or more regions.
3. (Original) The method of claim 1, wherein said method comprises determining if the device unintentionally emits EMI in one or more regions of an electromagnetic spectrum occupied by other users, and comprises reducing the EMI in the one or more regions, and increasing the EMI in one or more other regions if it is determined that the device unintentionally emits EMI in one or more regions of an electromagnetic spectrum occupied by other users.
4. (Previously Presented) The method of claim 3, wherein the device unintentionally emits EMI in one or more regions of a radio frequency spectrum occupied by licensed users of the radio frequency spectrum, and said increasing the EMI results in increasing the EMI in one or more other regions of the radio frequency spectrum that are unoccupied by the licensed users of the radio frequency spectrum.
5. (Original) The method of claim 1, wherein said determining if the device emits EMI in one or more regions of the electromagnetic spectrum occupied by other users comprises: determining a presence of other users at the device's location; and determining the one or more regions of the electromagnetic spectrum occupied by the other users at the location.

6. (Original) The method of claim 5, wherein said determining the presence of other users at the device's location comprises:  
determining a location of the device; and accessing a database of users at the location.
7. (Original) The method of claim 5, wherein said determining the presence of other users at the device's location comprises listening for the presence of other users.
8. (Original) The method of claim 5, wherein said determining the presence of other users at the location comprises determining the presence of other users licensed at the location.
- 9-15. (Canceled)
16. (Original) An apparatus comprising:  
circuitry capable of determining if a device emits electromagnetic interference (EMI) in one or more regions of an electromagnetic spectrum occupied by other users;  
and  
if it is determined that the device emits EMI in the one or more regions of an electromagnetic spectrum occupied by other users, the circuitry additionally capable of:  
reducing the EMI in the one or more regions; and  
increasing the EMI in one or more other regions of the electromagnetic spectrum unoccupied by the other users.
17. (Original) The apparatus of claim 16, wherein said circuitry is additionally capable of removing the EMI from the one or more regions.
18. (Original) The apparatus of claim 16, wherein said circuitry is additionally capable of determining if the device unintentionally emits EMI in one or more regions of an electromagnetic spectrum occupied by other users, and of reducing the EMI in the one or more regions, and increasing the EMI in one or more other regions if the circuitry

determines that the device unintentionally emits EMI in one or more regions of an electromagnetic spectrum occupied by other users.

19. (Previously Presented) The apparatus of claim 18, wherein the device unintentionally emits EMI in one or more regions of a radio frequency spectrum occupied by licensed users of the radio frequency spectrum, and said circuitry is additionally capable of increasing the EMI in one or more other regions of the radio frequency spectrum unoccupied by the licensed users of the radio frequency spectrum.
20. (Original) The apparatus of claim 16, wherein said circuitry is additionally capable of: determining a presence of other users at the device's location; and determining the one or more regions of the electromagnetic spectrum occupied by the other users at the location.
21. (Original) The apparatus of claim 20, wherein said circuitry is additionally capable of: determining a location of the device; and accessing a database of users at the location.
- 22-30. (Canceled)